



AUX.SWITCH BLOCK,FRONT,4NC, CURR.PATH:  
1NC, 1NC, 1NC, 1NC, FOR CONTACTOR RELAYS, SZ  
S00, RING CABLE LUG CONNECTION 51 / 52,61 /  
62,71 / 72,81 / 82

### General technical data:

<b>product brand name</b>		SIRIUS
<b>Suitability for use</b>		Contactor relay
<b>Protection class IP on the front</b>		IP20
<b>Ambient temperature</b>		
• during storage	°C	-55 ... +80
• during operation	°C	-25 ... +60
Mechanical service life (switching cycles) typical		10 000 000
Electrical endurance (switching cycles) at AC-15 at 230 V typical		200 000
<b>Contact reliability</b>		one incorrect switching operation of 100 million switching operations (17 V, 1 mA)
<b>Contact reliability of the auxiliary contacts</b>		1 faulty switching per 100 million (17 V, 1 mA)
Insulation voltage with degree of pollution 3 Rated value	V	690
Surge voltage resistance Rated value	kV	6

### Auxiliary circuit:

<b>Number of NC contacts for auxiliary contacts</b>		
• instantaneous contact		4
• lagging switching		0
<b>Number of NO contacts for auxiliary contacts</b>		
• instantaneous contact		0
• leading contact		0
<b>Operating current of the auxiliary contacts at AC-12</b>		
• at 24 V	A	10

• at 230 V	A	10
• maximum	A	10
<b>Operating current</b>		
• of the auxiliary contacts		
— at AC-14		
— at 125 V	A	6
— at 250 V	A	6
— at AC-15		
— at 24 V	A	6
— at 230 V	A	6
— at 400 V	A	3
• at AC-15 at 690 V Rated value	A	1
<b>Operating current</b>		
• with 2 current paths in series at DC-12		
— at 24 V Rated value	A	10
— at 60 V Rated value	A	10
— at 110 V Rated value	A	4
— at 220 V Rated value	A	2
— at 440 V Rated value	A	1.3
— at 600 V Rated value	A	0.65
• with 3 current paths in series at DC-12		
— at 24 V Rated value	A	10
— at 60 V Rated value	A	10
— at 110 V Rated value	A	10
— at 220 V Rated value	A	3.6
— at 440 V Rated value	A	2.5
— at 600 V Rated value	A	1.8
<b>Operating current</b>		
• of the auxiliary contacts at DC-13		
— at 24 V	A	6
— at 60 V	A	2
— at 110 V	A	1
— at 220 V	A	0.3
• with 2 current paths in series at DC-13		
— at 24 V Rated value	A	10
— at 60 V Rated value	A	3.5
— at 110 V Rated value	A	1.3
— at 220 V Rated value	A	0.9
— at 440 V Rated value	A	0.2
— at 600 V Rated value	A	0.1
• with 3 current paths in series at DC-13		

- at 24 V Rated value
- at 60 V Rated value
- at 110 V Rated value
- at 220 V Rated value
- at 440 V Rated value
- at 600 V Rated value

A	10
A	4.7
A	3
A	1.2
A	0.5
A	0.26

**Installation/ mounting/ dimensions:**

<b>Mounting type</b>		snap-on mounting
<b>Width</b>	mm	36
<b>Height</b>	mm	37.5
<b>Depth</b>	mm	43.7

**Connections/ Terminals:**

Type of electrical connection for auxiliary and control current circuit		ring cable connection
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**Safety related data:**

Product function Mirror contact acc. to IEC 60947-4-1		No
Product function positively driven operation acc. to IEC 60947-5-1		Yes
• Note		with 3RH2

**Certificates/ approvals:**

<b>General Product Approval</b>	<b>Declaration of Conformity</b>	<b>Test Certificates</b>
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<b>Test Certificates</b>	<b>Shipping Approval</b>
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<b>Shipping Approval</b>	<b>other</b>
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## Further information

### Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

### Industry Mall (Online ordering system)

<http://www.siemens.com/industrymall>

### Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3RH29114GA04>

### Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3RH29114GA04/all>

### Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RH29114GA04&lang=en>



